

BRIT XPS INSULATION BOARDS

BRIT XPS BOARDS ARE AN INNOVATIVE ALTERNATIVE TO TRADITIONAL CEMENT BACKER BOARDS.

- GENERAL:

Brit XPS insulation boards have a blue HCFC-free waterproof extruded XPS core, sandwiched in-between glass fibre reinforcing mesh (with alkali-resistant finish) and a polymer modified cement-based mortar.

Product Properties:

Brit XPS insulation boards are light weight, versatile, waterproofing, heat-insulating, robust and are well suited for a variety of interior and exterior applications and can be applied to practically any substrate. Brit XPS insulation boards provide a smooth surface for plastering or laying tiles, slabs and natural stone coverings using a thin bed mortar application. Brit XPS insulation boards not only provide protection against mould and fungus and fantastic insulation, but thanks to being 100% waterproof to the core and inert, it also offers sealing and decoupling at the same time, thus saves time, stress and money.

Benefits:

- 100% waterproof, for use in wet and fully water immersed areas
- Excellent thermal properties, essential for use with Electric Under Floor Heating Systems
- High-rigidity and durability
- Lightweight, easy to handle and cut
- Thermal insulation for saving on energy bills
- Vapour retardant against mildew

- APPLICATIONS:

- An effective Wall and floor heat insulation for interior & exterior use
- Compatible with underfloor heating systems
- Waterproofing wet areas such as bathrooms, kitchens, swimming pools, spas, etc
- Carrier element for laying tiles, slabs and natural stone floorcoverings using the thin-bed mortar application
- Surface for applying plaster, tile adhesive and other materials
- Moisture protection
- Composite sealing with tile and slab coverings of load class A and B (directly loaded walls and floors in rooms in which tap or cleaning water is used very frequently or for long periods, walls and floors of indoor and outdoor pools that are filled with water with the properties of drinking water).

- PACKAGING:

Packaging and weight details, including information on coverage can be found for the Brit XPS insulation boards in the table below:

Board Thickness:	Length x Width (MM):	Coverage:	Weight (kg/m ²):	Box Qty:
6mm	1200x600mm	0.72m ²	2.7	10
10mm	1200x600mm	0.72m ²	2.9	10
12mm	1200x600mm	0.72m ²	3.0	10

Note:

Brit XPS Insulation Board Washers are available in pack quantities of 50, 100 and 500



TECHNICAL DATA SHEET

Ver. 1.00
(02/08/21)

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West Midlands
B69 2NH

Tel:
0121 520 9333

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Web:
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- TECHNICAL DATA:

Property:	Assessed to:	Rating
Density:	DIN 53420	33 ± 0.02 Kg/m ³
Thermal Conductivity:	EN ISO 13164	0.033W/m.k
Compressive Strength (at 10% compression):	EN ISO 826	300Kpa (30tonnes/m ³)
Breaking load & Flexural Properties:	ASTM C203	0.3 + 0.02 Mpa
Water Absorption (2 Day immersion):	ISO 2896	0.2% by volume
Water Absorption (Capillary action):	ISO 2896	0
Determination of water vapour (moisture) permeability:	DIN 52615	100-225µ
Water Vapour Transmission of Materials:	ASTME-96	0.028ng/Pa.m.s
Maximum Loading Weight:		62kg/m ²
Fire behaviour:	EN 13501	E
Measurement of airborne sound insulation:	EN ISO 10140	dLw=21

Note:

Brit XPS boards are approved for use on floors in rooms with an ordinary residential load. Wheeled loads with high concentrated loads are not permitted.

- STORAGE:

Brit XPS insulation boards should be stored flat irrespective of their thickness. They must be protected against direct sunlight and moisture.

- HEALTH & SAFETY:

Wear protective clothing, safety goggles and safety gloves.

Notes: The information given is without prejudice and is believed to be accurate and complete. BRIT ADHESIVES goods are guaranteed against defective materials but we have no control over the site conditions, misuse of the product or the quality of the workmanship. BRIT ADHESIVES accepts no liability for any direct or indirect consequential loss or damages arising or resulting from the use of this information. Timber subfloors should be installed according to manufacturers' instructions and site conditions should be taken into consideration.